

CLAIMS

What is claimed is:

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1. A network client, comprising:
 - a scanner component accessing an input content stream via a network connection to extract renderable content from said input content stream;
 - a parsing component coupled to said scanner component for parsing said renderable content; and
 - a replaceable document type definition component configured to control said parsing component based on a particular document type definition corresponding to a particular grammar, said replaceable document type definition component being replaceable during execution of said network client.
2. The network client according to claim 1, wherein said replaceable document type definition component is configured to control said parsing component based on said particular document type definition which corresponds to a definition for HTML documents.
3. The network client according to claim 1, wherein said replaceable document type definition component is configured to control said parsing component based said particular document type definition which corresponds to a definition for XML documents.
4. The network client according to claim 1, wherein said network connection is one that receives said content stream from an Internet site.
5. The network client according to claim 1, wherein said Internet site is a world wide web site.

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1 6. The network client according to claim 1, wherein said grammar
2 defines a well-formed document parsable by said parsing
3 component.

1 7. A method for manifesting content received via a network,
2 comprising the following steps:

3 accessing an input content stream via a network
4 connection to receive renderable content from said input content
5 stream;

6 receiving a replaceable document type definition related to
7 said renderable content;

8 parsing said renderable content based on said replaceable
9 type definition to generate a content model; and

10 manifesting said content model within a data processing
11 environment.

1 8. The method according to claim 7, wherein said replaceable
2 document type definition controls said parsing step to parse
3 HTML type documents.

1 9. The method according to claim 7, wherein said replaceable
2 document type definition component is configured to control
3 said parsing step to parse a particular document type definition
4 which corresponds to a definition for XML documents.

1 10. The method according to claim 7, wherein said network
2 connection is one that receives said content stream from an
3 Internet site.

1 11. The method according to claim 10, wherein said Internet site is
2 a world wide web site.

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1 12. The method according to claim 7, wherein said grammar
2 defines a well-formed document parsable during said parsing
3 step.

1 13. A method of using a personal computing system equipped with
2 a network client, comprising the following steps:

3 executing a network client to access an network server
4 system to receive data therefrom, said network client including a
5 scanner component for accessing said network server to receive
6 an input content stream and to extract renderable content from
7 said input content stream, a parsing component coupled to said
8 scanner component for parsing said renderable content, and a
9 replaceable document type definition component configured to
10 control said parsing component based on a particular document
11 type definition corresponding to a particular grammar, said
12 replaceable document type definition component being
13 replaceable during execution of said network client;

14 causing said scanner component to access said input
15 content stream via a network connection to extract said
16 renderable content therefrom;

17 receiving said replaceable document type definition related
18 to said renderable content via said network connection;

19 causing said parsing component to parse said renderable
20 content based on said replaceable type definition to generate a
21 content model; and

22 manifesting said content model within said personal data
23 processing system.

1 14. The method according to claim 13, wherein said replaceable
2 document type definition controls said parsing step to parse
3 HTML type documents.

1 15.The method according to claim 13, wherein said replaceable
2 document type definition component is configured to control
3 said parsing step to parse a particular document type definition
4 which corresponds to a definition for XML documents.

1 16.The method according to claim 13, wherein said network
2 connection is one that receives said content stream from an
3 Internet site.

1 17.The method according to claim 16, wherein said Internet site is
2 a world wide web site.

1 18.The method according to claim 13, wherein said grammar
2 defines a well-formed document parsable during said parsing
3 step.

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